## DIGITAL HUMANITIES (LM70)
(Università degli Studi)

### Teaching GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY

<table>
<thead>
<tr>
<th>GenCod A004651</th>
<th>Owner professor</th>
<th>Grazia SEMERARO</th>
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<tbody>
<tr>
<td><strong>Teaching in italian</strong> GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY</td>
<td><strong>Course year</strong> 1</td>
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<td><strong>Teaching</strong> GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY</td>
<td><strong>Language</strong> INGLESE</td>
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<td><strong>SSD code</strong> L-ANT/07</td>
<td><strong>Curriculum</strong> COMUNE GENERICO</td>
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<td><strong>Reference course</strong> DIGITAL HUMANITIES</td>
<td><strong>Course type</strong> Laurea Magistrale</td>
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<tr>
<td><strong>Location</strong></td>
<td><strong>Credits</strong> 6.0</td>
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<tr>
<td><strong>Semester</strong> Secondo-Semestre</td>
<td><strong>Teaching hours</strong> Ore-Attivita-frontale: 42.0</td>
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<td><strong>Exam type</strong> Orale</td>
<td><strong>For enrolled in</strong> 2021/2022</td>
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<td><strong>Assessment</strong> Voto-Finale</td>
<td><strong>Taught in</strong> 2021/2022</td>
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<td><strong>Course timetable</strong> <a href="https://easyroom.unisalento.it/Orario">https://easyroom.unisalento.it/Orario</a></td>
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### BRIEF COURSE DESCRIPTION
The course aims to provide the theoretical and methodological background for skilful use of Geographic Information Systems (GIS) in historical research contexts with a focus on archaeological applications.

### REQUIREMENTS
Familiarity with computers (at least at ECDL level)

### COURSE AIMS
The lectures and the exercises in front of a computer will provide students with a general overview of GIS technology. Students will be able to:

- Utilize the core components and functionality of a GIS
- Employ a variety of geospatial data types, data sources and metadata management techniques
- Create, manipulate, query and analyze geospatial data

### TEACHING METHODOLOGY
The course will consist of lectures and practical tasks to be held in laboratory

### ASSESSMENT TYPE
Following the new provisions to avoid coronavirus infection, it will be possible to take the spring session exams only in online mode (see for guidelines unisalento.it website). The following indications concern the traditional methods, which I hope will be able to resume as soon as possible.

a. Oral exam
The examination aims at assessing:
- Knowledge and understanding of the contents of the course
- Practical abilities
ASSESSMENT SESSIONS

16.9.2021
15.10.2021
27.1.2022
10.2.2022
24.2.2022
7.4.2022 *
19.5.2022 **
16.6.2022
30.6.2022
21.7.2022
15.9.2022
13.10.2022

FULL SYLLABUS

The course aims to provide the theoretical and methodological background for skilful use of Geographic Information Systems (GIS) in historical research contexts with a focus on archaeological applications.

This course will serve as an introduction to GIS technology and its applications to archaeological data management and analysis. Students will learn how to compile, transform, analyze and present sources of archaeological and historical data, and will utilize this information in GIS for cultural resources interpretation and management. References to selected research studies in Classical Archeology will be provided.

Reference material:

a. Institutional course: GIS - Guide on line: http://ads.ahds.ac.uk/project/goodguides/gis/;

REFERENCE TEXT BOOKS

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a. Institutional course: GIS - Guide on line: http://ads.ahds.ac.uk/project/goodguides/gis/;